

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)

Approved for use through 9/30/00. OMB 0651-0032  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

|  |                          |   |
|--|--------------------------|---|
| <b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b><br>(37 CFR 1.63) | Attorney Docket Number   | 1174/81   |
|  | First Named Inventor     | McMahan, David M.   |
|  | <b>COMPLETE IF KNOWN</b> |   |
|  | Application Number       | 09/434,406  |
|  | Filing Date              | November 4, 1999  |
|  | Group Art Unit           | 2857  |
| <input type="checkbox"/> Declaration Submitted with Initial Filing           | OR                       | <input checked="" type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required) |
| Examiner Name  |                          | Not Assigned  |

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS**

the specification of which (Title of the Invention)

☐ is attached hereto  
OR

☒ was filed on (MM/DD/YYYY) 11/04/1999 as United States Application Number or PCT International

Application Number 09/434,406 and was amended on (MM/DD/YYYY) (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 356(b) of any foreign application(s) for patent or inventor's certificate, or 356(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application Number(s) | Country | Foreign Filing Date (MM/DD/YYYY) | Priority Not Claimed     | Certified Copy Attached? |                          |
|-------------------------------------|---------|----------------------------------|--------------------------|--------------------------|--------------------------|
|                                     |         |                                  |                          | YES                      | NO                       |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
|                                     |         |                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below

| Application Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto. |
|-----------------------|--------------------------|--|
|                       |                          |  |

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/01 (12-97)  
Approved for use through 9/30/00. OMB 0651-0032

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

## DECLARATION — Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent Number | Parent Filing Date (MM/DD/YYYY) | Parent Patent Number (if applicable) |
|--|---------------------------------|--------------------------------------|
|  |                                 |                                      |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02C attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

| Name                 | Registration Number | Name              | Registration Number |
|----------------------|---------------------|-------------------|---------------------|
| Jeffrey L. Wilson    | 36,058              | Jennifer L. Skord | 30,687              |
| Richard E. Jenkins   | 28,428              | Gregory A. Hunt   | 41,085              |
| Arles A. Taylor, Jr. | 39,395              | David P. Gloekler | 41,037              |

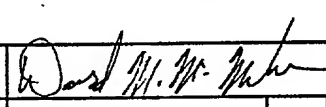
☒ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to: ☐ Customer Number or Bar Code Label

OR ☒ Correspondence address below

|         |   |           |                |
|---------|---|-----------|----------------|
| Name    | Jeffrey L. Wilson                                 |           |                |
| Address | Jenkins & Wilson, P.A.                            |           |                |
| Address | Suite 1400 University Tower, 3100 Tower Boulevard |           |                |
| City    | Durham  | State     | NC             |
| ZIP     | 27707   |           |                |
| Country | USA   | Telephone | (919) 493-8000 |
| Fax     | (919) 419-0383                                    |           |                |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |   |       |             |
|--|---|-------|-------------|
| Name of Sole or First Inventor:        | <input type="checkbox"/> A petition has been filed for this unsigned inventor       |       |             |
| Given Name (first and middle (if any)) | Family Name or Surname  |       |             |
| David M.                               | McMahan   |       |             |
| Inventor's Signature                   |  |       | Date        |
| Residence: City                        | Raleigh   | State | NC          |
| Country                                | USA   |       | Citizenship |
| Post Office Address                    | 5301 Deergrass Court  |       |             |
| Post Office Address                    |   |       |             |
| City                                   | Raleigh   | State | NC          |
| ZIP                                    | 27613   |       | Country     |
| USA                                    |   |       |             |

☐ Additional inventors are being named on the \_\_\_\_\_ supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto



PATENT

ASSIGNMENT

WHEREAS, I, David M. McMahan, City of Raleigh, State of North Carolina, (hereinafter "Assignor"), have invented certain new and useful improvements in AUTOMATED METHODS AND SYSTEMS FOR ANALYZING DATA ASSOCIATED WITH AN INDUSTRIAL PROCESS, for which Application for a Letters Patent of the United States was made on November 4, 1999 as Application Serial No. 09/434,406.

AND, WHEREAS, Bell & Howell Mail and Messaging Technologies Company, a corporation duly organized and existing under the laws of the State of Delaware, having its principal office and place of business at Pinnacle Park, 4401 Silicon Drive, Durham, North Carolina, 27709 (hereinafter "Assignee"), is desirous of acquiring an interest therein.

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold and by these presents does hereby sell, assign, transfer and convey unto the said Assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

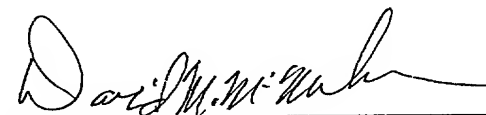
10055604.012302

10055604.012302

Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise bind his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to them relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

Executed this 24 day of January, 2000.

  
David M. McMahan

Witnessed by:

 24 JAN 2000  
Name Date

 24 JAN 2000  
Name Date